DART AEROSPACE LTD	Work Order:	24043
Description: Reservoir Bottle	Part Number:	358-044-001
Dwg: N/A	Qtv:	2
Ref:		Page 1 of 1

Step	Location	Procedure	Bv	Date	Qty
1	DC	Issue Traveler	-,		
		Note: Order in multiples of 2	11	51021	2
2	PG	Issue P/O: 2008854 to Luxfer P/N: L62W-001 Hoop Wrapped Cylinder 6.89" O.D x 20.75" long Volume = 549 cu in Weight = 16.5 lbs Service Pressure = 3000 psi Thread size = 1.125-12 UNF Certificate of conformity is required	A	०५ १० २०१	2
3	RG ·	Receive and Inspect for transit damage Ensure certificate of conformity is attached	CY	05/11/24	a
4	ST	Identify and Stock in Kwik Float cell		15-12-08	2
5	AC	Cost / part		05-12-13	7
[*] 6	DC	Close W/O Inspect Level 21	6	05/12/12	2

Rev	Date	Change	Revised By	Approved
A	03.09.11	New issue	KJ/DS	3

RELEASED

070

Dart Aerospace Ltd

W/O:		WORK ORDER CHANG	ES .				
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Mfg / Design Mgr	Approval QC Inspector
05.120	23b	Prime & Neint asmass 005	M	05 17 01	2	23	5.1202
		· · ·					

NCR:								
		Description of NC		Corrective Action Section B		Verification	Annroval	Annroyal
DATE	STEP	Section A	Initial Design Mgr	Action Description Design Mgr	Sign & Date	Section C	Approval Design Mgr	Approval QC Inspector
		•						
		•				ļ		
i a								
						-		
								,,

Part No:	PAR #:	Fault Category: N	ICR:	Yes No	DQA:	Date: <u>05/ව</u> 2	·
NOTE: Date & initial all entries				QA: N/C C	losed:	Date:	

DATE: 11/22/05



Luxfer Gas Cylinders composite Cylinder Division

ATTN: LINDA

CERTIFICATE OF CONFORMANCE

CUSTOMER: Dart Aerospace

1270 Aberdeen Street

Hawkesbury ON K6A1K7

Canada

CUSTOMER P.O. NO. :

2008854

LUXFER S.O. NO. :

53304

CUSTOMER DRAWING NO.: N/A

REV. NO.: N/A

ITEM	LUXFER PART NO.	REV	SAMPLE PLAN	DESCRIPTION	QUANTITY
. 1	L62W-001	A	N/A	COMPOSITE CYLINDERS 9.0 Liter / 207 Bar	2

PREFIX: WS **SERIAL NUMBERS:** 5184, 5185

We hereby certify that all materials of construction, processes of manufacture, required inspections and tests meet all applicable specification requirements. Material certifications, inspection and test results are available for review. We also certify that the above listed product items satisfactorily meet all purchase order, drawing and specification requirements for the revisions identified except for the following:

EXCEPTIONS: NONE

SIGNED:

TITLE:

der Representative

DATE:

11/22/05

92507 USA

Tel: (909)-684-5110

3016 Kansas Ave. Riverside, CA

Date: User:

Monday, 12/5/2005 7:06:23 AM

Linda Lacelle

Process Sheet

Customer Job Number : CC-DAR01 Dart Aerospace Ltd.

: 25106

Estimate Number : 10804

P.O. Number

:NIA

This Issue Prsht Rev.

Previous Run

First Issue

: 12/5/2005

: NC

: NA : 00015

S.O. No. :NIA

:NIA Type

Part Number

Drawing Name

: Z_CUSTOM

: D206590021

Drawing Number Project Number

: Z_CUSTOM :NIA

Drawing Revision

:NIA

Material Due Date : NIA : 12/12/2005

Qty:

1 Um: Each

Checked & Approved By

Comment

Written By

Additional Product

Job Number:



Seq. #:

Machine Or Operation:

Description:

1.0 LANDING GEAR 1

LANDING GEAR RESOURCE 1



Comment: LANDING GEAR RESOURCE 1

re-assemble and verify parts from serviceable kit

to make D206-590-021 11

15 05.12.08

Job Completion



DART AEROSPACE LTD	Work Order:	
Description: Reservoir Kit, Fwd Mount	Part Number:	D206-590-027
Dwg: 358-07-02 Rev. F	Qty:	1
Dirg. 000 0. 02 1100		Page 1 of 3

	Step	Location	rocedure			Ву	Date	Qty
	1	DC	sue Traveler				,	1
	·		wg not required					
	2	DC	reate labels as per PPP	D206-590-027				1
.09-13	_		HG002 CHGOD3					
. O 11-15	3	KP	ick:					
		"	ty Part Number	<u>Description</u>	<u>Batch</u>			1
			358-024-001	Spigot	l			
			358-025-001	Clevis	411492			
			358-028-001	Valve Bracket, LH				
			358-029-001	Valve Bracket, RH				
			358-032-001	Lanyard	411492 C			
			358-036-001	Reservoir Adaptor				
F 04.0	1.06	D3229-1	-358-037-001	Bottle Nut	132028B			
14 - 1.0		3221	358-043-001	Packing	M13977			
			358-044-001	Bottle	B24643			
4			358-047-001	Fusible Plug	4 -			
			358-048-001	Pressure Gauge		R	EFERENCE	
			358-050-001	Relief Valve			Frerence	ONL
			358-051-001	Valve	-111000			OIAT !
			358-078-001	Decal	M11492			
			469-010-001	Fwd Bottle Rack	411492	1		
			469-035-002A	Tube Assembly	B25106			
			AN4-5A	Bolt		1		
			AN4-20A	Bolt		1		
			AN4-24A	Bolt				
			AN6289-J4	Nut				
			AN6289-J12	Nut				
			AN938-J12	Tee			ł	
			0 AN960JD416	Washer		ĺ		
			AN960JD816	Washer				
			AS1039J-08-08-12		····	Ì	'	
			2 MS20426AD3-6	Rivet		1		
			MS21042L4 MS21042L8	Nut (or –4) Nut (or –8)		1		
				Union				
			MS21902-J12 MS21920-61	Bottle Clamp	411492	1		
			MS21926-J12	Elbow		1		
·			MS27833-6-300	Pad 1/2/95 132	20359			
			MS28773-04	Retainer				
		ļ	MS28773-12	Retainer				
			MS28778-4	Packing		1		
			MS28778-6	Packing				
		,	MS28778-12	Packing		1		
	1	.03	MS28889-2	Charging Valve				
	1 _ //	الأحيم	MS3126F10-6P	Connector				1
		L 1000	MS35489-19	Grommet				
1	1 W 2	4.	NAS1335C2C07	Pip Pin ADAPTAL		1	1	
,	1 0	1	D3448-1		4 1 141	-	 	
•	4	KF		te: Threaded areas to	be coated with			
			/IIL-C-16173 prior to as	ssembly.	1.t			
				ning with 358-043-001 p	acking into each			
	1		ottle and tighten.			1 E-1	SED	<u> </u>

ADD DS1 9308 + D3448-1

UNDER REVIEW

03.10.22

DART AEROSPACE LTD	Work Order:	
Description: Reservoir Kit, Fwd Mount	Part Number:	D206-590-027
Dwg: 358-07-02 Rev. F	Qty:	1
Dug . 555 01 12		Page 2 of 3

Step	Location	Procedure	Ву	Date	Qty
5	KF	Install MS21926-J12 elbow with AN6289-J12 nut, MS28773-12			
		back-up ring and MS28778-12 packing. Tighten nut.			
6	KF	Rack Assembly:		}	
Ŭ		Drill and ream spigot sleeve to 0.500". Install spigot into Jig		1	
		SC1842			
7	KF	Install bottle rack into Jig SC1842. Trim ends of tube and fit 358-			
•	1	025-001 clevis. Drill hole # A in both clevis and tube.			
8	KF	Remove bottle rack from Jig. Remove clevis and keep with rack.			
Ŭ		•			ļ
9	FP	Powder Coat rack White Gloss as per QSI 005 4.3.5.2			
•					<u> </u>
10	QC3	Inspect Powder Coat			
		·			
11	KF	Install 358-024-001 spigot into rack with MIL-C-16173,			
		AN960JD816 washer and MS21042L8 nut. Torque nut to 400	REI	ERFNOR	
		inch lb.		ERENCE (NLY
12	KF	Install clevis to rack using AN4-20A bolt, AN960JD416 washer			
		and MS21042L4 nut.			ļ
13	KF	Install 358-032-001 lanyard (2 off) to rack.		1	
					
14	KF	Install NAS1335C2C07 pip pin to lanyard.			
4.5	-	Install MS27833-6-300 rubber strip onto MS21920-61 bottle			<u> </u>
15	KF	clamp. Install bottles onto rack, position clamps, and drill rivet			
		holes through clamps and brackets. Rivet clamps to rack.			
	005	Inspect work to Step 15			1
16	QC5	inspect work to step 15			
47	KF	Valve Assembly: (Note: All threaded fittings in high pressure		† ·	1
17	NE	area are to be coated with MIL-C-16173 prior to assembly.			
		Torque all AN6289-J12 nuts to 50 ft lb.			
		Deburr 358-036-001 reservoir adaptor internally before			
		installation of fittings.			
40	KF	Install 358-048-001 pressure gauge with AN6289-J4 nut,			1
18	KF	MS28773-04 back-up ring and MS28778-4 packing. Torque to		ľ	
		80 inch lb.		İ	1
19	KF	Install MS28889-2 inflation valve and MS28778-6 packing.			1
19	I NF	Torque to 80 inch lb.		ì	
20	KF	Install 358-047-001 fusible plug and MS28778-6 packing. Torque	·		
20	Ki	to 110 inch lb.			
21	KF	Install 358-050-001 relief valve and MS28778-4 packing. Torque			
۷,	I NI	to 110 inch lb.	•		
22	KF	Install (2 off) AN6289-J12 nuts onto 358-036-001 reservoir			
22		adaptor with MS28773-12 back-up ring and MS28778-12		'	
		packing.			
23	KF	Screw reservoir adaptor into 358-051-001 solenoid valve			
20		assembly until nut has full thread contact on adaptor and position			
	1	adaptor so pressure gauge is positioned to starboard side of			
		helicopter.			
24	KF	Install AS1039J-08-08-12 tee with AN6289-J12 nut, MS28773-12	1		
24	I KE	back-up ring and MS28778-12 packing into solenoid valve			
	1	assembly and position 90° to valve and tighten nut.		<u></u>	
		addoning and poolabil of to the and agreement	R	ELEASEI	ď

DART AEROSPACE LTD	Work Order:	
Description: Reservoir Kit, Fwd Mount	Part Number:	D206-590-027
Dwg: 358-07-02 Rev. F	Qty:	1
Dwg. 300 07 02 100.		Page 3 of 3

Step	Location	Procedure	Ву	Date	Qty
25	KF	Install AN938-J12 tee onto adaptor to give full nut thread contact on adaptor. Install MS21902-J12 union and MS28778-12 packing onto each free end of the tee.			
26	QC5	Inspect work to Step 25			
27	KF	Rack and Reservoir Assembly: Attach 358-028-001 LH bracket and 358-029-001 RH bracket to rack using (4 off) AN4-5A bolts, (4 off) AN960JD416 washers and (4 off) MS21042L4 nuts.			
28	KF	Position the bottles into the rack and install tube between elbow on bottle and tee.			
29	KF	Install the bottle assembly into the rack assembly by inserting the solenoid valve between the LH and the RH brackets. Attach using (2 off) AN4-24A bolts, (4 off) AN960JD416 washers and (2 off) MS21042L4 nuts.	REF	ERENCE O	,
30	KF	Fit 358-078-001 decal to one bottle, same side as pressure gauge.		-MCE O	WY
31	QC5	Carry out final inspection			
32	KP	Oty Part Number Description Batch 2 358-061-001 Quick Disconnect 1 1 358-081-001 Cable Assembly Image: Control of the	11, 1		
33	QC4	Inspect Kit 100% for Completeness on the W/O			
34	PK	Identify and pack for shipping as per PPP D206-590-027			,
35	AC	Cost / part			
36	DC	Close W/O Inspect Level 21			

Γ	Rev	Date	Change	Revised By	Approved
r	A	03.10.21	New issue	KJ/DS	#

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DART AEROSPACE LTD.

Page 5 of 17

2.0	PAI	RTS L	.IST	
	_		1	

J			<u> </u>			<u> </u>				T
Qty -011	Qty 7021	Qty -013	Qty -023	Qty -015	Qty -016	Qty -017	Qty -027	item No.	Part Number	Description
(x)			,						D206-590-011	Kwik Float Installation, Cargo Hook Mount
Ē	ķ,								D206-590-021	Kwik Float Installation, Fwd Mount
1	1 5	W.							D206-590-013	Fixed Provisions Kit
•	1		γx)						D206-590-023	Fixed Provisions Kit. Fwd Mount Man this
1	1		1	X,	1				D206-590-015	Sponson Kit, LH
1	1		- 4	-	-x				D206-590-016	Sponson Kit, RH
1	•					(X)			D206-590-017	Reservoir Kit, Cargo Hook Mount
	1						'xγ'		D206-590-027	Reservoir Kit, Fwd Mount
		16						5	31885	Terminal
		4						6	31891	Terminal
				1	1			58	35805 (D3232-1)	Doubler
		3						11	320559	Splice
				1	1			8,9	358-001-001	Sponson Tube
				2	2			10	358-003-001 (D3231-1)	Sponson Plug
	,			6	6			13	358-006-001	Extrusion
				3	3			15	358-008-001 (D3218-041)	Float Assembly
	-			2	1			16	358-009-001	Float Cover
				1	2			18	358-010-001	Float Cover
		2						19A	358-011-001 (D3228-041)	Fwd Crosstube Bracket
		2						19B	358-011-002 (D3228-042)	Fwd Crosstube Bracket
		2						329A	358-012-001 (D3228-043)	Aft Crosstube Bracket
		2						329B	358-012-002 (D3228-044)	Aft Crosstube Bracket
		4						21	358-013-001A (D3227-1 or DEO 9251)	Crosstube Support
	-			2	2			22	358-014-001 (D3226-1)	Sponson Support
			-	4	4			24	358-016-001	Bushing
						1		26	358-018-001	Center Bottle Rack
				4	4			27	358-019-001	Pip Pin
		8		· · · ·	- `			30	358-022-001	Spacer
						1	1	32	358-024-001	Spigot
						2	2	33	358-025-001	Clevis
						1	1	36	358-028-001	Valve Bracket, LH
						1	1	37	358-029-001	Valve Bracket, RH
						2	2	40	358-032-001	Lanyard
						1	1	44	358-036-001	Reservoir Adapter
						2	2	45	358-037-001 (D3229-1)	Bottle Nut
	<u> </u>					2	2	51	358-043-001	Packing
				· · · · · · · · · · · · · · · · · · ·	<u> </u>	2	2	52	358-044-001	Bottle
						1	1	55	358-047-001	Fusible Plug
						1	1	56	358-048-001	Pressure Gauge
						1	1	59	358-050-001	Relief Valve
						1	1	60	358-051-001	Valve
				3	3	<u> </u>	 	63	358-054-001	Hose Assembly
				3	3			64	358-055-001	Hose Assembly
				-		2	 	65	358-056-001	Hose Assembly

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Qty -011	Qty -021	Qty -013	Qty -023	Qty -015	Qty -016	Qty -017	Qty -027	Item No.	Part Number	Description
-						2		66	358-057-001	Hose Assembly
						2	2	71	358-061-001	Quick Disconnect
		2						72	358-062-001 (D3225-041)	Coupling Bracket
		1						75	358-065-001	Decal
		1						76	358-066-001	Decal
		1	*******					77	358-067-001	Decal
		1						78	358-068-001	Decal
		1						79	358-069-001	Decal
		1						80	358-070-001	Decai
		1						82	358-072-001 (D3222-1)	Switch Bracket
		1						83	358-073-001 (D3221-041)	Switch Cover
		1						86	358-076-001	Decal
		1						87	358-077-001	Decal
						1	1	215	358-078-001	Decal
		1						89	358-079-001	Decal
						1	1	92	358-081-001	Cable Assembly
		1						94	358-083-001	Cable Assembly
,,,,,			1					302	469-004-002	Spigot Fitting
			2					303	469-004-003	Clevis Fitting
			1					307	469-004-004	Cable Bracket
			1					309	469-004-005	Cargo Hook Bracket
							1	301	469-010-001	Fwd Bottle Rack
						2	2	43	469-035-002A	Tube Assembly
							1	304	469-056-001	Hose Assembly
							1	305	469-057-001	Hose Assembly
							2	306	469-058-001	Hose Assembly
		8						20/153	5/16WC	Washer
		<u>-</u>	8					325	80-007-16-3	Insert
				6	6			131	AE81509G	Swivel
			4					310	AN3-6A	Bolt
						4	4	107	AN4-5A	Bolt
						2	2	132	AN4-20A	Bolt
						2	2	133	AN4-24A	Bolt
		4						137	AN5-12A	Bolt
		4						137	AN5-14A	Bolt
		8	7					137	AN5-34A	Bolt
		8						199	AN5-37A	Bolt
						1	1	139	AN6289-J4	Nut
						5	5	138	AN6289-J12	Nut
			1					319	AN743-12	Clip
				1	1			140	AN816-8D	Fitting
				6	6			143	AN924-6D	Nut
				1	1			323	AN932-4D	Sponson Blank Plug
						1	1	144	AN938-J12	Tee
		2						150	AN960JD4L	Washer
		4						147	AN960JD6L	Washer
		4						145	AN960JD10	Washer
			15					313/327	AN960JD10L	Washer
						10	10	148	AN960JD416	Washer
		16						200	AN960JD516L	Washer
						1	1	152	AN960JD816	Washer
				6	6			N/A	AN970-3	Washer
						1	1	154	AS1039J-08-08-12	Tee

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Date: 04.10.26

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Qty -011	Qty -021	Qty -013	Qty -023	Qty -015	Qty -016	Qty -017	Qty -027	Item No.	Part Number	Description
						12	12	190	MS20426AD3-6 or M7885/3-4-04	Rivet
		2						164	MS21042L04	Nut
		4						165	MS21042L06	Nut
		4	5					166/316/328	MS21042L3	Nut
				-		8	8	167	MS21042L4	Nut
		16						170	MS21042L5	Nut
						1	1	171	MS21042L8	Nut
						2	2	146	MS21902-J12	Union
			1					320	MS21919DG-13	Clamp
		4						174	MS21919DG-34	Clamp
						4	4	35	MS21920-61	Bottle Clamp
						2	2	142	MS21926-J12	Elbow
		1						175	MS24523-22	Switch
		1						176	MS24524-26	Switch
				8	8			156	MS24694-S55	Screw
		1						177	MS25224-1	Switch Guard
		1						178	MS26574-5	Circuit Breaker
		4	1					181/326	MS27039-1-08	Screw
			9					312	MS27039-1-09	Screw
				80	80			179	MS27039-1-10	Screw
				20	20			N/A	MS27039-1-13	Screw
						4	4	311	MS27833-6-300	Pad
						1	1	182	MS28773-04	Retainer
						5	5	183	MS28773-12	Retainer
				4	4			184	MS28775-039	Packing
•						2	2	186	MS28778-4	Packing
				6	6	2	2	187	MS28778-6	Packing
						7	7	185	MS28778-12	Packing
			· · · · · · · · · · · · · · · · · · ·			1	1	189	MS28889-2	Charging Valve
						1	1	191	MS3126F10-6P	Connector
			1					322	MS3181-10N	Сар
			1					321A	MS3416-10EN	Shell
			1					321B	MS3474W10-6S	Connector
***		2						192	MS35206-217	Screw
		2						209	MS35214-25	Screw
		2						193	MS35214-28	Screw
-							2	308	MS35489-19	Grommet
		1	· ·					195	MS35489-33	Grommet
		2						198	NAS43DD0-16	Spacer
				106	106			196	NAS1330C3KB166	Rivnut
						2	2	197	NAS1335C2C07	Pip Pin

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